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NewsBytes



July 2009

Greetings {FIRST_NAME},

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Summer of Automation

Catch the wave, it's the Summer of Automation at Gexpro. Visit our special Summer 2009 Events page by clicking [here](#). There's something for everyone!

Weidmuller Q-Specials

Weidmuller has released their 3rd Quarter Q-Specials. See the flyer by visiting our home page by clicking [here](#).

Follow Us on Twitter

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Environmental Potentials - Power Quality for the Digital Age



Gexpro is pleased to be a distributor for Environmental Potentials products!

Environmental Potentials is an aggressive research and development manufacturer in the field of power quality and green technologies. EP's ground breaking work in the field of

conducted EMI and transient voltage absorption led to the development of the EP-2000 through EP-2900 product line. Our emphasis on R&D ensures EP will constantly meet the changing needs of the electrical environment.

Environmental Potentials' waveform correction technology is patented in Canada, China, Indonesia, Japan, South Korea, Taiwan and the United States. This waveform correction technology is the biggest change to the power quality industry in more than 30 years.

EP understands all aspects of the electrical system. Our depth of knowledge ranges from diagnosing complex theoretical calculations to using real world applications to design cutting edge solutions. EP appreciates the investment companies make in electrical equipment, therefore, we are committed to exceeding industry standards in the manufacturing process to ensure a superior product.

Want to learn more about EP's products and solutions, visit their website today - www.ep2000.com, or contact your Gexpro sales professional.

GE Fanuc QuickPanel View & Control



GE Fanuc's bundled visualization solution provides the tools required for today's application needs with a combination of bright touch screen displays, multiple communications options, and Proficy View – Machine Edition software.

Looking for a complete, secure and rugged Operator Interface? You found it with GE Fanuc's QuickPanel family. These Operator Interfaces will communicate with most PLC's and PAC's on the market today.

Click [here](#) to learn more about QuickPanel View.

Click [here](#) to learn more about QuickPanel Control.

New Product Spotlight - Sixnet's R.A.M.



Real World Real-time Interfaces for Distributed Data Systems.

Remote site monitoring has never been so easy. SIXNET's RTUs, I/O modules, and Datalogging provide a vast array of monitoring solutions for applications of any size.

R.A.M. is an "industrial-grade" money saving solution that provides secure cellular data connectivity, as well as programmable Remote Terminal Unit (RTU) functionality.

Automated Reporting

Monitor your systems remotely. Our remote terminal units make it possible to eliminate the inconvenience and inaccuracies of hand written field reports. Monitor even the most critical of systems with the ease and the peace of mind that SIXNET products' reliability provide.

Flexible Connectivity

Whether you choose to use cellular, radio, satellite, or your own communication means, SIXNET monitoring can support your application.

Open Communications

Compatibility with open, industry standard communications including Modbus for your industrial venues, SNMP for your IT department and other popular Ethernet and serial protocols, creates an open window into your remote site.

Seamless Expansion

From monitoring to control...systems that grow with you
Start with logging a few I/O points and expand to full control on your schedule. SIXNET systems can start small and grow as your needs increase. Sophisticated control features can be added without replacing hardware.

Unlimited Customization

Our Windows based development software makes setup a quick and easy plug & play operation. However, if you choose to add in custom features, our open source structure gives you the freedom to create your own programs in Java, Perl, C, and any other number of languages.

Never Lose Data Again

Each module collecting real-time data stores it with a time stamp in its protected memory. Our redundant datalogging capabilities make archiving losses obsolete.

Want more information on Sixnet's new R.A.M. solutions - visit their website at www.sixnet.com.

Tech Tip of the Month - Serial Comm Test

The first step in troubleshooting or setting up a PLC usually involves establishing serial communications. This can sometimes be difficult since you may not know the communication settings of the PLC or the serial port status of your computer. SerialCommTest is a program utility that addresses these issues.

SerialCommTest lists your computer's installed COM ports in the upper left combo box. It shows which ports are in use or have modems attached. If you suspect a problem with your computer's port or you're not sure which port is which, select a port and run the **Loopback** test at the bottom of the screen. You can also select a **From** (computer) and **To** (PLC) connection type and click on **Wiring** for details on signals and cable pin-outs with part numbers.

Once you've selected the proper COM port, click on the **Test** button. The program will try connecting at all possible baud, parity, and stop bit settings. Once it connects, the program displays the results. Set your programming software to the same baud rate, parity and stop bits shown.

SerialCommTest is included with Proficy Machine Edition on the Supplemental CD in the PLC Tools folder. You can also download SerialCommTest from the following GE Fanuc site:

<http://support.gefanuc.com/support/index?page=kbchannel&id=S:KB6035&actp=search>

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